PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION CONCERNING
TRANSMITTAL OF COPY OF INTERNATIONAL
PRELIMINARY REPORT ON PATENTABILITY
(CHAPTER I OF THE PATENT COOPERATION
TREATY)

(PCT Rule 44bis.1(c))

1	Γο):

GARDNER, Steven, J. Kilpatrick Stockton LLP 1001 West Fourth Street Wintson-Salem, NC 27101-2400 ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year) 09 February 2006 (09.02.2006)			
Applicant's or agent's file reference GP-161-00PCT			IMPORTANT NOTICE
International application No. PCT/US2004/023828	International filing da 23 July 200	tte (day/month/year) 4 (23.07.2004)	Priority date (day/month/year) 30 July 2003 (30.07.2003)
Applicant	GOOGLE	INC. et al	

The International Bureau transmits herewith a copy of the international preliminary report on patentability (Chapter 1 of the Patent Cooperation Treaty)

DOCKETED				
FOR: JSG/MJT				
DUE DATE:				
ON: 2/16/0	6 BY: <u>KF</u>			

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

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Form PCT/IB/326 (January 2004)

1... TENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference GP-161-00PCT	FOR FURTHER ACTION	See item 4 below		
International application No. PCT/US2004/023828	International filing date (day/month/year) 23 July 2004 (23.07.2004)	Priority date (day/month/year) 30 July 2003 (30.07.2003)		
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237				
Applicant GOOGLE INC.				

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).					
2.	This REPORT consists of a total	l of 6 sheets, including this cover sheet.				
	In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.					
3.	This report contains indications	relating to the following items:				
	Box No. I	Basis of the report				
	Box No. II	Priority				
	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				
	Box No. IV	Lack of unity of invention				
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
	Box No. VI	Certain documents cited				
	Box No. VII	Certain defects in the international application				
	Box No. VIII	Certain observations on the international application				
4.		ommunicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but makes an express request under Article 23(2), before the expiration of 30 months from the priority				
		Date of issuance of this report 30 January 2006 (30.01.2006)				

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P. . ENT COOPERATION TREA.

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				(PCT Rule 43bis.1)				
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				(day/month/year) se	e form PC	r/isa/210	(second sh	neet) .
Appli	cant's or agent's file reference			FOR FURTHER	ACTION			
	form PCT/ISA/220			See paragraph 2 belo				
Interr	national application No.	- Ir	nternational filing date (d	day/month/year)			month/yea	r)
PCT	/US2004/023828	2	23.07.2004		30.07.	2003		
	national Patent Classification (IPC	C) or bot	th national classification	and IPC				
G06	F17/30						·	
Appli								
GO	OGLE INC.							
1.	This opinion contains ind	ication	s relating to the foll	owing items:				
	☑ Box No. I Basis of the	he opini	ion					
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			nt of opinion with reg	ard to novelty, inventi	ve step ar	nd indust	rial applic	ability
	Box No. IV Lack of ur			- d (-\(i\)ikb wa ara nal ta	- novolhe i	invantivo	cten or i	nduetrial
		staten ity; citat	nent under Rule 43 <i>bis</i> tions and explanations	s.1(a)(i) with regard to s supporting such sta	tement	livellive	step of it	ioustria:
	☐ Box No. VI Certain do	ocumen	nts cited					
-	☐ Box No. VII Certain de	efects ir	n the international app	olication				
	☐ Box No. VIII Certain of	oservati	ions on the internation	nal application				
2.	FURTHER ACTION							
If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notifed the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered.								
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.								
For further options, see Form PCT/ISA/220.								
3. For further details, see notes to Form PCT/ISA/220.								
Nee	te and mailing address of the ISA	<u> </u>		Authorized Officer				

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US2004/023828

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_	Вох	No. I Basis of the opinion					
1.	With regard to the language, this opinion has been established on the basis of the international application in the language in which it was field, unless otherwise indicated under this item.						
	This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).						
2.	. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:						
	a. type of material:						
		a sequence listing					
		table(s) related to the sequence listing					
b. format of material:							
] in written format					
		in computer readable form					
c. time of filing/furnishing:							
	Ε	contained in the international application as filed.					
		filed together with the international application in computer readable form.					
		furnished subsequently to this Authority for the purposes of search.					
3.		In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.					
4	Δddi	tional comments:					

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US2004/023828

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	Box No.	I Priority	·····		
1.	. M The following document has not been furnished:				
	\boxtimes	copy of the earlie	r applicatio	n whose p	priority has been claimed (Rule 43bis.1 and 66.7(a)).
		translation of the	earlier app	lication wh	nose priority has been claimed (Rule 43bis.1 and 66.7(b)).
	Cons neve	equently it has not b theless been establ	een possit ished on th	ole to cons ne assump	ider the validity of the priority claim. This opinion has tion that the relevant date is the claimed priority date.
2.	This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rules 43 <i>bis</i> .1 and 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.				
3.	Additional	observations, if neo	essarv:		
		·	•		
					
	Box No. \ industrial		ement und ions and e	ler Rule 43 explanatio	3bis.1(a)(i) with regard to novelty, inventive step or one supporting such statement
1.	Statement				
	Novelty (N	!)	Yes:	Claims	
	, ,	•	No:	Claims	1-38
	Inventive s	step (IS)	Yes:	Claims	
			No:	Claims	1-38
	Industrial a	applicability (IA)	Yes:	Claims	1-38
			No:	Claims	
2	Citations a	nd explanations			

see separate sheet

Re Item V.

1. The following documents are referred to in this communication:

D1: US 6 453 315 B1 (WEISSMAN ADAM J ET AL) 17 September 2002 (2002-09-17)

D2: KERSCHBERG L ET AL: "A semantic taxonomy-based personalizable meta-search agent" CONFERENCE PROCEEDINGS ARTICLE, vol. 1, 3 December 2001 (2001-12-03), pages 41-50, XP010589037

Objections under Article 6 PCT

2. Under Article 6 PCT the claim shall define the matter for which protection is sought in a clear and concise manner. This is not the case in the present application therefore, the claim should be accordingly defined in terms of a single independent claim per category including all the essential features of the invention.

Objections under Article 33(2) PCT

3. The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1-38 is not new in the sense of Article 33(2) PCT.

3.1 INDEPENDENT CLAIM 1

Document D1 discloses:

A method (column 1 lines 56 and 57, "The object ... invention,,,"), comprising:

- receiving a primary term representing a first concept to be added to a network of interrelated concepts (column 3 lines 10-14, "In the ... engine.");
- -receiving at least one related term associated with the primary term (column 3 lines 17-20, "For example ... States".");
- -receiving at least one relationship between the first concept and a second concept (column 3 lines 14-16, "One such ... relationships;");
- -receiving a strength value associated with the relationship (column 3 lines 55-57, "A value ... first." and "column 5 lines 52-55, "Manual ... ser."); and
- -adding the first concept to the network (column 3 lines 21-23, "From ... present.").

Since D1 discloses all the steps of claim 1 in combination, the subject-matter of claim 1 lacks novelty with respect to D1.

3.2 Dependent claims 2-11 do not contain any additional features which in combination

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (SEPARATE SHEET)

International application No.

PCT/US2004/023828

with the features of any claim to which they refer, meet the requirements of the PCT with respect to novelty. (see the cited passages in the ISR).

INDEPENDENT CLAIM 12

- 3.3 The method claim 12 differs from the method claim 1 in that it defines subject-matter in terms of a method for **editing** concepts in a network of interconnected concepts. In D1 the lexicon can be updated to include new meanings (synsets, concepts) and to update connections for meanings already present in the lexicon, therefore the subject-matter of claim 12 lacks novelty with respect to D1.
- 3.4 The objections raised in respect to the dependent claims 2-11 also apply, mutatis mutandis to the corresponding dependent claims 13-19, which also lack novelty.
- 3.5 The subject-matter of claims 20-30 corresponds in terms of a computer readable medium comprising a computer program for implementing a method, whit scope of protection equivalent to that of the method claims 1-11. The objections raised in respect to claims 1-11, therefore, also apply, mutatis mutandis, to the corresponding claims 20-30.
- 3.6 The subject-matter of claims 31-38 corresponds in terms of a computer readable medium comprising a computer program for implementing a method, whit scope of protection equivalent to that of the method claims 12-19. The objections raised in respect to claims 1-11, therefore, also apply, mutatis mutandis, to the corresponding claims 20-30.
- 3.7 The attention of the applicant is drawn to the fact that document D2 cited in the international search report is regarded as very relevant state of the art in the sens of Article 33(2) for claims 1,12,20 and 31 and in the sens of Article 33(3) PCT for claims 2-11,13-19,21-30,32-38.